

AVRORIN, N.A.

[Basic varieties of ornamental plants for Murmansk Province]
Osnovnoi assortiment ozelenitel'nykh rastenii dlia Murmanskoi
oblasti. Kirovsk, Izd-vo "Kirovskii rabochii." 1956. 41 p.
(MIRA 14:4)

(Murmansk Province--Plants, Ornamental)

SHLYAKOV, P.N.; AVROBIN, N.A., doktor biologicheskikh nauk, otvetstvennyy
redaktor; ZEMUL', R.Ye., tekhnicheskiiy redaktor

[Important wild. useful plants of Murmansk Province] Vazhnyeishie
dikorastushchie polesnye rasteniia Murmanskoii oblasti. Moskva,
Izd-vo Akademii nauk SSSR, 1956. 113 p. (MLRA 9:10)
(Murmansk Province--Botany, Economic)

AVRORIN, N.A.; KUZNEVA, O.I.; ORLOVA, N.I.; PIS'YANKOVA, V.V.; POYARKOVA,
A.I.; ZEMENOVA-PYAN-SHANSKAYA, N.Z.; CHERNOV, Ye.O.; SHLYAKOV, R.N.;
TVERITINOVA, K.B., tekhnicheskii redaktor

[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva, Izd-vo
Akademii nauk SSSR. No.3. 1956. 449 p. (MLRA 9:11)
(Murmansk Province--Botany)

AVRORIN, N.A.; CHIRNOV, Ye. G.; SHMATOK, I.D.

Botanical investigations in Murmansk Province. Izv. Kser. i Kol'
fil. AN SSSR no. 1:72-83 '57. (MIRA 11:7)

1. Polyarno-al'piyskiy botanicheskiy sad Kol'skogo filiala AN
SSSR.

(Murmansk Province--Botany)

USSR/Cultivated Plants - Introduction and Acclimatization.

11-2

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39154

A series of new fodder, medicinal, commercial and other useful plants were selected. The success of acclimatization was especially great in those species. Plants whose ancestors had experienced extreme change in environment for several generations. Alpine plants, when transferred to the Polar - Alpine botanical garden, retained their flowering periods. The blossoming period of steppe, desert and sub-alpine plants was delayed. Observations of phenological phenomena conducted for many years showed how the acclimatization of many plant species took place. The occurrence of form change when seed reproduction took place under new conditions, was observed for the following plants which were brought from their natural habitat: drooped wild rye (*clinalymus nutans*), wind flower (*anemone crinita*), asiatic the globe flower (*Trollius asiaticus*), caucasian crowfoot (*Ranunculus caucasicus*), meadow geranium (*Geranium pratense*) and the orange daisy (*origanon aurantiacus regel*). -- I.K. Fortunatov

Card 2/2

- 7 -

AVIATORIN, N.A.

The mountain cranberry genus - *Rhodococcum* (Rupr.) gen. nov.
(Vacciniaceae). Bot. zhur. 43 no.12:1719-1724 D '58.

(MIRA 11:12)

1. Polyarno-al'piyskiy botanicheskiy sad imeni S.M.Kirova Kol'nskogo filiala AN SSSR.

(Huckleberries)

AVRORIN, N.A.

"The Introduction of Plants into the Subarctic Zone."
Paper submitted for the Int'l Botanical Congress, Montreal, Canada, 10-29 Aug 1959.

Arcto-Alpine Botanical Garden, Kola Branch Academy of Sciences U.S.S.R., Kirovsk.

AVRORIN, N.A.; KUZENEVA, O.I.; ORLOVA, N.I.; POYARKOVA, A.I.; SEMENOVA-TYAN-SHANSKAYA, N.Z.; CHERNOV, Ye.G.; SHLYAKOV, R.N.; YUZEPCHUK, S.V. [deceased]; ARONS, R.A., tekhn.red.

[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva.
No.4. 1959. 393 p. (MIRA 12:8)

1. Akademiya nauk SSSR. Ko'skiy filial, Kirovsk.
(Murmansk Province--Dicotyledons)

AVRORIN, N.A.

Plant introduction in the sub-Arctic zone of Canada. Bot. zhur. 45
no.7:1086-1095 JI '60. (MIRA 13:7)

1. Kol'skiy filial Akademii nauk SSSR, Polyarno-al'piyskiy
botanicheskiy sad, g. Kirovsk Murmanskoy oblasti.
(Canada--Plant introduction)

SHMATOK, I.D.; POYARKOVA, A.I.; AVRORIN, N.A.

In memory of Neonila Zenonovna Semenova-Tian-Shanskaia. Bot. zhur. 46
no. 5:745-746 My '61. (MIRA 14:7)

1. Polyarno-Al'p'yyskiy botanicheskiy sad Kol'skogo filiala AN
SSSR, Kirovsk i Botanicheskiy institut imeni V.L. Komarova
AN SSSR, Leningrad.
(Semenova-Tian-Shanskaia, Neonila Zenonovna, 1903-1960)

AVRORIN, N.A., otv. red.; BELKINA, M.A., red. izd-va; KONDRAT'YEVA,
M.N., tekhn. red.

[Ornamental plants and landscaping in the Far North of the
U.S.S.R.] Dekorativnye rasteniia i ozelenenie Krainego Severa
SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 201 p.
(MIRA 15:7)

1. Polyarno-Al'piyskiy botanicheskiy sad.
(Russia, Northern--Plants, Ornamental)

AVRORIN, N.A., otv. red.; PETROVICHEVA, O.L., red. izd-va; GALIGANOVA,
L.M., tekhn. red.

[Problems of botany and soil science in Murmansk Province] Vo-
prosy botaniki i pochvovedeniia v Murmanskoi oblasti. Moskva,
Izd-vo Akad. nauk SSSR, 1962. 210 p. (MIRA 15:7)

1. Polyarno-Al'pyskiy botanicheskiy sad.
(Murmansk Province--Botany)
(Murmansk Province--Soil science)

AVRORIN, N.A.

Soviet-Indian Botanical Expedition of 1961. Bot.zhur. 47
no.4:600-610 Ap '62. (MIRA 15:8)

1. Botanicheskiy institut imeni V.L.Komarova AN SSSR, Leningrad.
(India--Botany)

AVRORIN, N.A.

First tropical botanical garden-preserve in the Democratic Republic of
Vietnam. Bot.zhur. 49 no.10:1521-1523 0 '64.

1. Botanicheskiy institut imeni V.I. Komarova AN SSSR, Leningrad. (MIRA 18:1)

AVRORIN, N.A.; ANDREYEV, G.N.; GOLOVKIN, B.N.; KAL'NIK, A.A.

[Plant introduction in Arctic regions *Pereselenie rastenii na Poliarnyi Sever*. Moskva, Izd-vo "Nauka." Pt.1. [Results of the introduction of herbaceous plants in 1932-1956] *Rezultaty introduktsii travianistykh rastenii v 1932-1956* Ek. 1964. 498 p. (MIRA 17:8,

1. Polyarno-al'piyskiy botanicheskiy sad.

AVRORIN, N.A., doktor biol. nauk, otv. red.

[Plant introduction in Central Yakutia] Introduktsiya rastenii v Tsentral'noi Iakutii. Moskva, Nauka, 1965. 224 p.
(MIRA 18:4)

1. Akademiya nauk SSSR. Yakutskiy filial. Yakutsk. Botanicheskii sad.

AVRORIN, N.A.

Botanical Garden of the V.I. Komarov Botanical Institute of the
Academy of Sciences of the U.S.S.R. Bot.zhur. 50 no.10:1497.
1502 0 '65. (MIRA 18:12)

1. Botanicheskiy institut imeni Komarova AN SSSR, Leningrad.

AVRORIN, Valentin Aleksandrovich,

Linguistics

Academic degree of Doctor of Philological Sciences, based on his defense, 25 February, 1955, in the Council of the Inst of Philology, Acad Sci USSR, of his dissertation entitled: "Grammar of the Nanaian Language, Part I. Introduction and Morphology."

Academic degree and/or title: Doctor of Sciences

SO: Decisions of VAK, List no. 4, 25 February 1956, Byulleten' MVO SSSR, No. 1, January 1957, Moscow, pp. 14-24, Uncl.
JPRS/NY-443

PA - 1295

CARD 1 / 2

SUBJECT
AUTHOR
TITLE

USSR / PHYSICS

AVRORIN, E.N., TRADKIN, E.S.

On the Problem of the Renormalizability of the Pseudoscalar Meson
Theory with Pseudovectorial Coupling.

Zurn.eksp.i teor.fiz, 30, fasc.4, 756-760 (1956)
Publ. 4 / 1956 reviewed 9 / 1956

PERIODICAL

At first it is shown that the convergence of the pseudoscalar theory with pseudoscalar coupling is not improved also if, in the case of the propagation function of the mesons the corrections connected with the polarization of the vacuum are taken into account.

For a pseudoscalar meson field with pseudovectorial coupling, a formula, here shortly referred to as "equivalence theorem", holds good which is, in a certain sense, analogous to the theorem of the conservation of the current in quantum electrodynamics. Equations for the GREEN'S function of the spinorial field, which is defined according to J.SCHWINGER, Proc.Nat.Acad.Scie.27, 452 (1951), are given and transformed. Also the equation for the GREEN'S function of the meson field and an expression for the polarization operator are given.

Next, the polarization operator is specialized for the first perturbational approximation by inserting the corresponding sumit part, and an equation following from the "equivalence theorem" is given. The integral contained therein occurs also in quantum electrodynamics where it is equal to zero because of the theorem of the conservation of the current. The corresponding proof by direct computation can only be accomplished by means of tricks.

AYROR IN, Y.E.N.

4208

RENORMALIZABILITY OF PSEUDOSCALAR MESON THEORY WITH PSEUDOVECTOR COUPLING. I. N. Anisim and E. E. Zia (Academy of Sciences, USSR). Soviet Phys. JETP 3, 862-3 (1957) Jan.

It is shown that the convergence of a pseudoscalar theory with pseudovector coupling is not improved even when corrections for the propagation function for the mesons (which are connected with the vacuum polarization) are taken into account. (auth)

10/1

ngi

AVNEROV, A. A. I. BORISOV, A. M.

29'21

K patologichyeskoy anatomii tulyaryemii ovyets. Trudy Voronyezhsk. Zoovyetin-ts, T.
XI, 1948, S. 207-11

SO: LETOPIS' NO. 40

AVROROV, A.A., prof. (Voronezh)

Voronezh interinstitute conference on the pathoanatomy of farm
animals. Arkh. pat. 22 no. 10:89-90 '50. (MIRA 13:12)
(VETERINARY ANATOMY--CONGRESSES)

AVROROV, A.A., prof.; PETROV, S.G., prof.

Intercollege conference on pathological anatomy of farm animals.
Veterinariia 37 no.10:91-93 O '60. (MIRA 15:4)
(Veterinary pathology--Congresses)

AVIDOV, I. I.

33573. Lecheniye Infektsionnogo Kerato-kon'yunktivita U Koz. Tkanevymi Ekstraktami. Veterinariya, 1940, No. 11, c. 24-27.

30. Letopis' Zhurnal'nykh Statey, Statey, Vol. 45, Moskva, 1940

AVKOROV, V. H.

"Tissue Therapy According to the Method of Academician V. P. Filatov
in Eye Disease of Domestic Animals." Cand Vet Sci, Kirov Agricultural
Inst, Kirov, 1954. (RZhBiol, No 5, Mar 55)

SO: Sum. No. 670, 29 Sep 55--Survey of Scientific and Technical
Dissertations Defended at USSR Higher Educational Institutions (15)

AVROROV, V.P.

~~AVROROV, V.P.~~

Continuous plethysmography of the brain. Biul. eksp. biol. i med.
38 no.12:66-68 D '54. (MLRA 8:3)

1. Iz kafedry normal'noy fiziologii (sav. doktor meditsinskikh nauk
M.A.Ukolova) Rostovskogo n/Donu meditsinskogo instituta.
(PLETHYSMOGRAPHY,
of brain)
(BRAIN,
plethysmography)

Country : USSR
 Category : Human and Animal Physiology. T
 The Nervous System, Blood Supply.
 Abs. Jour. : Ref Zhur-Biol., No 23, 1958, 106803
 Author : Ayrorov, V. P.
 Institut. : Rostov Medical Institute.
 Title : Some Data on the Problem of Neural Regulation
 of the Brain's Blood Circulation.
 Orig Pub. : Sb. tr. Rostovsk. med. in-ta, 1957, kn. 1,
 77-92
 Abstract : Blood pressure (BP) in cerebral vessels (chro-
 nic cerebral plethysmography as measured by the
 in vivo installed plug capsules, and three-cuff
 method determining aorta BP and BP in Willis'
 circle) was investigated in dogs on whom 57
 acute and 7 chronic tests were performed. After
 the nerve was separated from the cervical vago-
 sympathetic trunk, "active" changes of the ce-
 rebral vessel lumen were observed which were
 independent from the dynamics of general BP in

Card: 1/2

USSR / Human and Animal Physiology (Normal and Pathological)
Nervous System.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60779

Author : Avrorov, V. P.

Inst : Not given

Title : Study of the Cerebral Circulation in Chronic Tests
According to the Changes of Gradient of the Fall of
Arterial Pressure in Blood Vessels Supplying the
Brain

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 44, No 8,
11-15

Abstract : The proposed method is based on the Huerthle method,
consisting in the measurement of the arterial pressure
in the aorta and in Willis' circle with the aid of
three collars, placed in the general carotid artery in
a cutaneous flap. The plan and description of the

Card 1/2

145

USSR / Human and Animal Physiology (Normal and Pathological).
Nervous System.

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102620010-9"

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60779

apparatus for the study of these data in chronic tests
with dogs, and also the results of the cerebral circula-
tion studied with this apparatus are given. -- E. I.
Kandel'

Card 2/2

AVROROVA, R.I.

Characteristics of "polyavid" strains of A2 influenza viruses
isolated in Rostov-on-don. Vop.virus. 7 no.3:367-370 My-Je '60.
(MIRA 14:7)

1. Kafedra mikrobiologii Rostovskogo-na-Donu meditsinskogo instituta.
(ROSTOV-ON-DON--INFLUENZA)

RENZNIKOVA, O.Yu.; AVROROVA, R.I.

Characteristics of strains of influenza virus isolated in Rostov-
on Don in 1957. Vop.virus. 4 no.5:585-589 S-() '59. (MIRA 13:2)

1. Rostovskiy institut epidemiologii, mikrobiologii i gigiyeny i
kafedra mikrobiologii Rostovskogo meditsinskogo instituta.
(INFLUENZA, virology)

17(2)

SOV/16-59-9-10/47

AUTHORS: Kashayeva, A.A., Kiritseva, A.D., Libinzon, A.Ye., and Avrorova, R.I.

TITLE: Experimental Active Anti-Pertussis Immunity

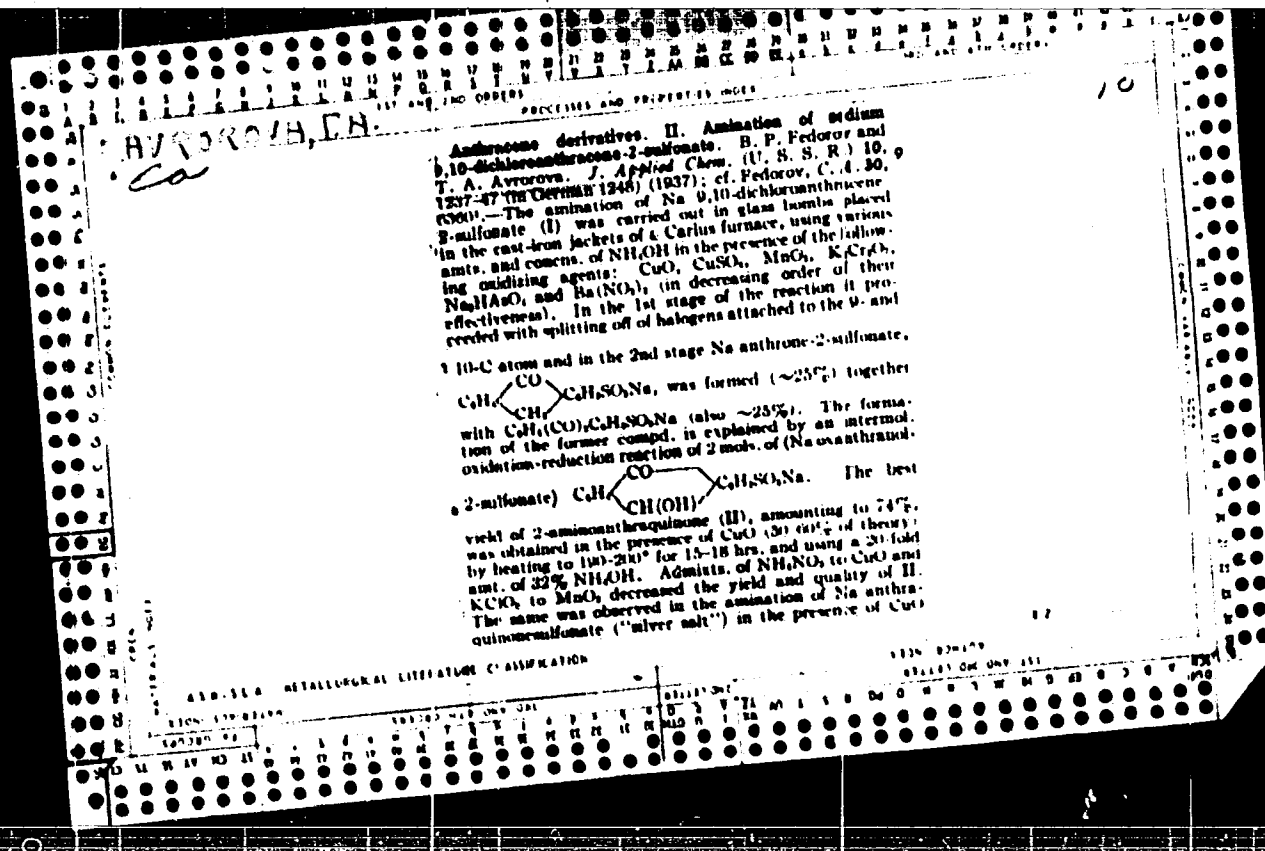
PERIODICAL: Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1959, Nr 9
pp 46-51 (USSR)

ABSTRACT: In 1956 M.S. Zakharova produced a vaccine of phase I Haemophilus pertussis strains killed with formalin or merthiolate and intended for the induction of an active immunity against whooping cough. The epidemiological efficacy of this vaccine has been studied by Gordina, Lazurenko, Filosofova, Shekhter, Milovanova and Gres'-Edel'man. Doubts have now arisen as to the long-term efficacy of anti-pertussis vaccines and subject authors therefore undertook a further study of the features of such immunity and the methods of inducing it. Tests were performed by injecting laboratory animals subcutaneously with typical phase I H. pertussis strains obtained from the Gosudarstvennyy kontrol'nyy institut imeni Tarasevicha (State Control Institute imeni Tarasevich) and the Moskovskiy institut vaktsin i syvorotok imeni Mechnikova (Institute of Vaccines and Sera imeni Mechnikov, Moscow). Difficulty was experienced in inducing immunity of the respiratory tracts; this

Card 1/2

NATRADZE, A.G.; AVROROVA, Ye.A.

New method of obtaining narcotine from the opium prese. Khim.
i med. no. 12:31-32 '59. (MIRA 13:10)
(NARCOTINE)



and NH_4Cl . A neg. influence of Cl^- ions on the amination reaction can be avoided by a preliminary oxidation of I to the corresponding acid of anthraquinone by suspending I in 10-15% H_2SO_4 and treating it with 32% HNO_3 (30% excess) while refluxing for 2-3 hrs. The reaction mixt. was filtered and the filtrate was neutralized with chalk, filtered again, and Na anthraquinone-2-sulfonate, $\text{C}_{14}\text{H}_9\text{SO}_3\text{Na}$, was sepd. with soda. The amination of the latter formed II with an 81-4% yield (on the I used: 10 mg. references.

A. A. Bulgakov

(A) *Phenylanthranic acid*

Synthesis of phenylanthranic acid in laboratory conditions. 1. A. A. Aronov, *Zh. Fiz. Khim.* 1962, 36, 1030. This direction was given for the prepn of o - $\text{PhNHCOCH}_2\text{CO}_2\text{H}$ starting with o - $\text{H}_2\text{NCH}_2\text{CO}_2\text{H}$, conversion to o - $\text{ClCH}_2\text{CO}_2\text{H}$ by the Sandmeyer reaction, and heating the latter with PhNH_2 in iso-AmOH with K_2CO_3 . The over-all yield is 40-50%, and the product m. p. 192-3° (from 70% EtOH). G. M. K.

137-58-3-6236

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 256 (USSR)

AUTHOR: Avrorova, T.A.

TITLE: Novel Methods of Chemical Analysis Employed at the Gor'kiy Automobile Plant (Novyye metody khimicheskogo analiza na Gor'kovskom avtomobil'nom zavode)

PERIODICAL: V sb.: Materialy nauchno-tekhn. konferentsii rabotnikov zavodsk. laboratoriy. Rostov-na-Donu, 1957, pp 129-148

ABSTRACT: 50 percent of all analyses at the TsZL (Central factory laboratory) are performed by means of the spectroscopic method. One laboratory spectroscopy specialist replaces four to seven laboratory chemists. The methods of chemical analysis may be divided into three groups: 1) methods dealing with the analysis of new materials; 2) methods which reduce the time required for an analysis; and 3) methods which lower the cost of the analyses. The first group includes methods for the detection of Ba found in the form of a sulfate in Ba cast irons, Mg encountered as a phosphate in Mg cast irons, and Te in Te cast irons. An absorption method is employed for the determination of Te in Cu, while Al in cast irons and B in steels are both determined by

Card 1/2

AVDOLINA, Ye. A.

Dissertation: "Dynamics of the Formation of a Brain Abscess." Cand Med Sci, Central
Inst. for the Advanced Training of Physicians, 1 Jun 54.
Vecherniyaya Moskva, Moscow, 21 May 54.

SO: SUM 284, 26 Nov 1954

AVROSHKO, A.Ya.

The first astronaut works at the Lvov Agricultural Machinery Plant.
Zashch. rast. ot vred. i bol. 8 no.12:1-3 D'63. (MIRA 17:3)

1. Sotrudnik mnogotirazhki "L'vovsel'mashevets", L'vov.

AVROV, A. N.

Zakalka tokami vysokoi chastoty zubchatogo oboda makhovika. (Vestn. Mash., 1950, no. 5, p. 25-26)

(Hardening the toothed rim of a flywheel by high-frequency currents.)

DLC: TML.VI

SO: Manufacturing and Mechanical Engineering in the Soviet Union,
Library of Congress, 1953.

8 (4)

PHASE I BOOK EXPLOITATION

SOV/2120

Avrov, Aleksey Nikolayevich

Ekspluatatsiya lampovykh generatorov dlya elektrotermii (Utilization of Vacuum-tube Generators in Electrophysics) Moscow, Gosenergoizdat, 1958. 165 p.
8,000 copies printed.

Ed.: A. V. Zhirnov; Tech. Ed.: N. I. Borunov.

PURPOSE: This book is intended for qualified technicians working with vacuum-tube induction heaters.

COVERAGE: The author explains the construction and operating principle of vacuum-tube generators. He describes the types of generators which have found widest application in Soviet industry for heating conductor, semiconductor and non-conductor materials and points out the advantages of vacuum-tube heaters over rotary converters. There are no references.

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Utilization of Vacuum-tube Generators (Cont.)

80V/2120

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AVAILABLE: Library of Congress

Card 4/4

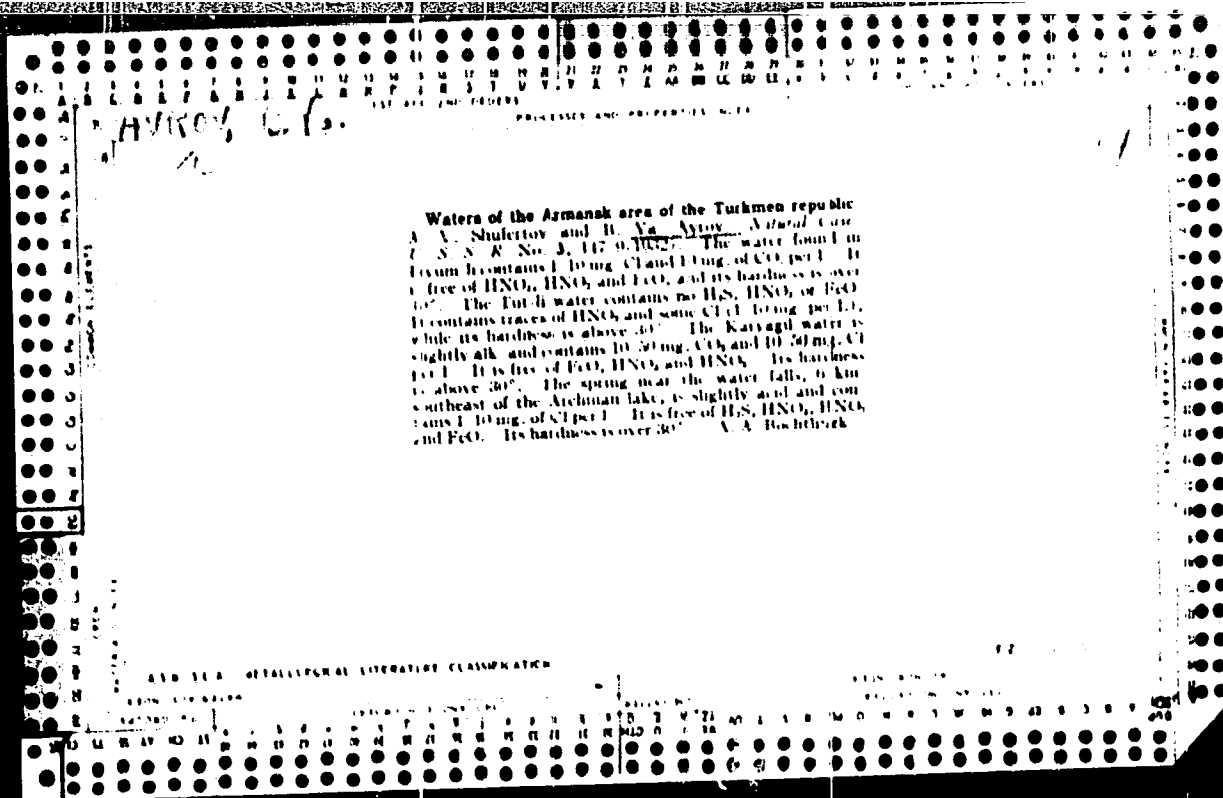
JP/ral
8-21-59

KISELEV, I.I.; BORISOV, N.I.; YASINOVSKIY, B.S., inzh.; SANNIKOV, Yu.K., inzh.;
 SOKOLOV, V.A., inzh.; LEVCHENKO, L.D., inzh.; NALOYEV, G.A., inzh.;
 CHICHAKOV, K.K., inzh.; BARYKIN, V.I., inzh.; FREYDLIN, A.Ya., inzh.
 GULIAYEV, A.I., inzh.; STIGNEYEV, Ya.F., inzh.; SHAGANOVA, K.N., inzh.;
 KHELIMSKIY, I.Ye., inzh.; AVROV, A.M., inzh.; DEMIDOVA, M.I., inzh.;
 NIKIFOROVA, Ye.D., inzh.; KLIBANOVA, Y.I., inzh.; CHIVKUNOV, K.I.,
 inzh.; STOROZHKO, I.G., inzh.; NOVAKOVSKIY, Ye.Ya., inzh.; GOYKHETUL',
 A.O., inzh.; TARASOV, A.M., inzh.; SHISHKO, A.P., inzh.; UVAROV,
 P.T., ekonomist; DRAGUNOV, M.V., ekonomist; KARANDASHOV, A.A.,
 ekonomist; KENKIN, M.V., ekonomist; GOREV, M.S., ekonomist. Pri-
 nimali uchastiye: LAPIN, T.I.; RAMENSKIY, Yu.A.; KADINSKIY, B.A.;
 SOKOLOV, S.D.; STOROZHKO, I.G.; FOMINYKH, A.I.. POLYAKOVA, M.,
 red.; SMIRNOV, G., tekhn.red.

[Organisation and improvement of production; practices of the
 Gorkiy Automobile Plant] Organizatsiya i uovershenstvovanie
 proizvodstva; opyt Gor'kovskogo avtozavoda. Moskva, Gos. izd-vo
 polit. lit-ry, 1958. 332 p. (MIRA 12:2)

1. Direktor Gor'kovskogo avtomobil'nogo zavoda (for Kiselev).
2. Glavnyy inzhener Gor'kovskogo avtomobil'nogo zavoda (for Borisov).
3. Gor'kovskiy avtomobil'nyy zavod (for all except Kiselev, Borisov,
 Polyakova, Smirnov).

(Gorkiy--Automobile industry)



AVROV, D.P.; STUKALINA, G.A.

New data on Silurian sediments in the southern part of the Gornyy Altai.
Trudy VSEGEI 111:25-29 '64. (MIRA 18:7)

AVROV, D.P.; PNEV, V.P.

Manifestation of recent tectonics in the southern Altai. Zap.
IGI 37 no.2:149-152 '60. (MIRA 15:7)
(Altai Territory--Geology, Structural)

AVRCV, N. N.

Parsley

Summer sowings of parsley for greens. Sad i og. no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, _____ 1953. Unclassified.

ORLOV, V.P., kand.sel'skokhoz.nauk. Prinimali uchastiyo: AVROV, N.N.;
BASENKO, P.V.; VARLAMOV, D.A.; VASIL'YEV, I.I.; VILASOV, V.N.;
VYLEGZHANINA, V.A.; ZHIVET'YEV, V.G.; ZAVADSKIY, I.S.; ZALESSKIY,
Ye.Ye.; ZAKORYUKIN, D.S.; ISHCHENKO, I.N.; KACHIBAYA, I.D.; KISE-
LEV, Ye.S.; KOZHIVNIKOV, I.Z.; LISITSYN, V.I.; MESHCHERYAKOV, V.F.;
NYURIN-VERTSBERG, R.L.; PEREPELITSA, V.M.; RYABKOV, A.D.; SKURIKHIN,
I.P.; SOLOV'YEV, N.A.; YAS'KO, N.G.. GREBTSOV, P.P., red.; ZUBRILINA,
Z.P., tekhn.red.

[Our farms in 1955] Nashi khoziasstva v 1965 godu. Moskva, Gos.
izd-vo sel'khoz.lit-ry, 1959. 230 p. (MIRA 13:2)
(Agriculture)

AVROV, Nikolay Nikolayevich; DANILEVSKAYA, O.N., red.; ONOSHKO, N.G.,
tekhn. red.

[Catawissa and chive] Mnogoiarusnyi luk i shnitt-luk. Lenin-
grad, Lenizdat, 1961. 42 p. (MIRA 15:8)
(Leningrad Province--Onions--Varieties)

AVROV, O. Ye. Cand Agr Sci -- (diss) " Sideral lupine fallow in ^{the} northern non-
Chernozem area of the Tatar ASSR" Leningrad-Pushkin, 1956. 18 pp 20 cm.
(Min of Agriculture USSR. Len Agr Inst), 100 copies
(KL,7-57, 107)

49

DOROSINSKIY, L.M., kand.biologicheskikh nauk; AVROV, O.Ye., kand.biologicheskikh nauk

Effectiveness of lupine inoculated with nitrugin. Zemledelie
24 no.5:32-34. My '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokho-
zyaystvennoy mikrobiologii.
(Leningrad Province--Lupine)
(Nitrugin)

AVROV, O.Ye., kand.sel'skokh. nauk

Effectiveness of treating pulse crops with nitragin. Zemledelie
25 no.5:55-57 My '63. (MIRA 16:7)

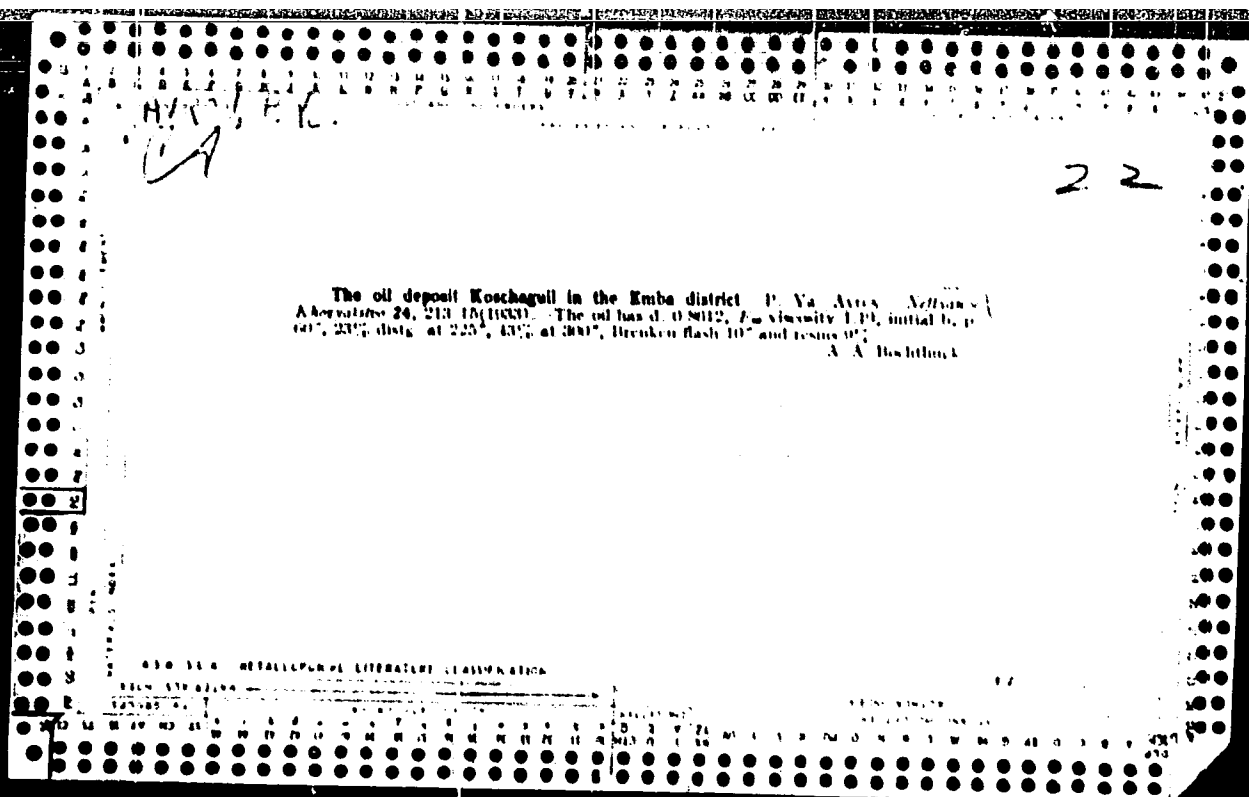
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(Legumes) (Nitragin)

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Leningrad.



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(MLRA 9:11)

(Water, Underground) (Boring)

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N.I.; KULIKOV, F.S.; MEL'NIKOV, A.M.; TATARINOV, A.G.;
TROYEPOL'SKIY, V.I.; TSYPLENKOV, G.G.; SHPIL'MAN, A.I.;
DAYEV, G.A., vedushchiy red.; LINDTROP, N.T., red.;
YASHCHURZHINSKAYA, A.B., tekhn.red.

[Volga-Ural oil-bearing region; oil potential] Volgo-Uralskaia
neftenosnaia oblast'; neftenosnost'. Leningrad, Gostoptekhnizdat,
1957. 175 p. (Leningrad, Vsesoiuznyi neftianoi nauchno-issledovatel'skii
geologorazvedochnyi institut. Trudy, no.104). (MIRA 16:8)
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AVROV, P.Ya.

Tectonics and gas- and oil-bearing prospects of upper Paleozoic
deposits of the Ural River Valley near Aktyubinsk. Izv. AN
Kazakh. SSR. Ser.geol. no.1:56-87 '57. (MIRA 10:7)
(Ural Valley--Petroleum geology)

AVROV, P.Ya..

Using oil-field geophysical methods when drilling wells for
water. Izv. AN Kazakh. SSR. Ser. geol. no.2:99-110 '58.
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Geological prerequisites for the development of the petroleum and
gas industries in Kazakhstan in 1959-1965. Izv. AN Kazakh. SSR. Ser.
geol. no.2:83-90 '59. (MIRA 13:2)

(Kazakhstan--Petroleum industry)

(Kazakhstan--Gas, Natural)

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 PARASOV, S.D.; BAZANOVA, N.U.; BAISHEV, S.B.; BAYKONUROV, A.B.;
 BEKTUROV, A.B.; BOGATYREV, A.S.; BOK, I.I.; BONUKAYEV, R.A.; BURLICHENKO,
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 KAZANLI, D.N.; KAYUPOV, A.K.; ~~ZENESBAYEV~~, S.K.; KOLOTILIN, N.F.;
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AVROV, P.Ya., doktor geol.-miner.nauk

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Gas potential of the Dzhambay salt dome. Vest.AN Kazakh.SSR 16
no.12:51-56 1960. (MIRA 14:1)
(Caspian Depression--Gas, Natural--Geology)

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I.N., red.; PICHKUNOVA, V.A., red.; ALFEROVA, P.F., tekhn. red.

[Upper Paleozoic in the Ural Mountain region of Aktyubinsk
Province] Verkhniy paleozoi Aktiubinskogo Priural'ia. Alma-
Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 89 p.
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AVROV, Petr Yakovlevich; KOSMACHEVA, Lyudmila Gavrilovna; SEMENOV,
M.N., red.; KHUDYAKOV, A.G., tekhn. red.

[Geology, and oil and gas potentials of the Ural Mountain
region of Aktyubinsk Province and in the western part of the
Mugodzhur Hills region] Geologicheskoe stroenie i perspektivy
neftegazonostrosti Aktiubinskogo Priural'ia i Zapadnogo Pri-
mugodzhur'ia. Alma-Ata, Izd-vo AN KazSSR, 1963. 162 p.

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[Geological structure and prospects for finding oil and
gas in the Ural Mountain portion of Aktyubinsk Province
and the western part of the Mugodzhar Hills] Geologiches-
skoe stroenie i perspektivy neftegazonosnosti Aktiubin-
skogo Priural'ia i Zapadnogo Primogodzhar'ia. Alma-Ata,
Izd-vo nauk Kazakh.SSR, 1963. 162 p. (MIRA 16:11)

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New data on the subsurface structure of the Pzhusy fold in the Ural Mountain portion of Aktyubinsk Province. Izv. AN Kazakh. SSR. Ser. geol. 21 no.2:61-67 Mr-lp'64. (MIRA 17:5)

1. Institut geologicheskikh nauk imeni Satpayeva AN Kazakhskoy SSR, Alma-Ata, Trest "Aktyubneft'erazvedka", gorod Aktyubinsk i Gur'yevskiy Institut geologii i geofiziki, Gur'yev.

AVROV, P.Ya.; LI, A.B., kand. geologo-mineralogicheskikh nauk; KRAYEV, P.I.;
TSIREL'SON, H.S.

Outlook for the development of supply sources for the petroleum
and gas industries of Kazakhstan. Vest. AN Kazakh. SSR 20 no.8:
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ARMY, P.O., PHILIPPINES, A.T.; CARBON, A.T.; CEMENT, A.T.; LUMBER, A.T.;
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New gas-bearing region in the Ural Mountain region. Dokl. AN
SSSR 162 no.2:393-396. My '65. (NIRA 1965)

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kaf. Geologicheskii institut AN SSSR i Ak'ademiya i Ak'ademiya
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SHAKHOV, R.A.; MAYLIBAYEV, M.M.; TSIREL'SON, B.S.

Gas bearing capacity of the Usharal structure in the Chu
Depression. Vest. AN Kazakh. SSR 21 no.1:69-73 Ja '65.
(MIRA 18:7)

AKHMEDESAPIN, U.M., akademik; AVROV, P.Ya., ZHAPARKHANOV, S.Zh., kand. geologo-mineral. nauk; LI, A.B., kand. geologo-mineral. nauk; TSIBEL'SON, B.S.

Artesian waters of cretaceous deposits of the eastern Kyzyl Kum and the Arys' Depression and the outlook for their use. Vest. AN Kazakh. SSR 21 no.5:38-46 Je '65. (MIRA 18:7)

1. Akademiya nauk Kazakhskoy SSR (for Akhmedsadin). 2. Chlen-korrespondent AN Kazakhskoy SSR (for Avrov).

AVROV, P.Ya.; BULEKBAYEV, Z.Ye.; GARETSKIY, R.G.; DAL'YAN, I.B.;
ZHURAVLEV, V.S.; MULDAKULOV, G.G.; PORENKO, K.Ye.; SHLEZINGER, A.Ye.

Basic characteristics of the structure of the eastern and southeastern
margins of the Caspian Lowland based on subalt sediments. Geotektonika
no.1:118-125 Ja-F '65. (MIRA 18:5)

1. Institut geologicheskikh nauk imeni Satpayeva AN Kazakhskoy
SSR i Geologicheskiiy institut AN SSSR.

AVROV, P.Ya.; BULEKBAYEV, Z.Ye.; TURKOV, O.S.

Geological prerequisites of increasing the petroleum recovery from the oil fields in the Southern Emba area. Izv. AN Kazakh. SSR. Ser. geol. 22 no.4:18-22 J1-Ag '65. (MIRA 18:9)

1. Institut geologicheskikh nauk im. K.I.Satpayeva, g. Alma-Ata,
i trest "Aktyulnefterazvedka", g. Aktyubinsk.

Translation from Referativnyy zhurnal. Metallurgiya, 1958, Nr 12, p 55 (USSR) SOV/137-58-12-24322

AUTHORS: Ozarin, G. E., Avrov, V. G.

TITLE: Operational Experience With Fast Differential-inertia-type Dust Separators at the Chimkent Lead Plant (Opyt ekspluatatsii skorostnykh turbulentnykh pyleuloviteley na Chimkentskom svintsovom zavode)

PERIODICAL: Sb. materialov po pyleulavlivaniyu v tsvetn. metallurgii. Moscow, Metallurgizdat, 1957, pp 368-378

ABSTRACT: Examination is made of experiences in operating fast differential-inertia-type dust separators (FS) employed at the Chimkent Lead Plant (CLP) to clean shaft-furnace gases (SG). The high level of dispersion of the dust separated by FS from SG is noted, the average particle diameter being 0.640-0.970 micron. A description is presented of experimental FS equipment on which data relative to the cleaning of gas by means of FS can be verified. A description is also provided of FS equipments intended for cleaning the gases of small and large SF. Technical performance indices and operational data for these equipments are presented. The control of FS operation is described. Problems of the structural materials and of FS operation are

Card 1/2

Operational Experience With Fast Differential-inertia-type Dust Separators (cont.) SOV/137-58-12-24322

examined. A comparison is made of the cost-engineering indices of the work of various CLP gas-cleaning installations: 1) A high, stable FS efficiency has been attained at the CLP (95-97%) in the separation of highly-disperse Pb dust; 2) servicing of FS is distinguished by its simplicity, and working conditions with them are considerably better than with other gas-cleaning equipment at the CLP.

G. G.

Card 2/2

11/10/57

AUTHOR: Avrov, V.G., Gordon, G.M. and Ozarnin, G.E.

136-6-7/26

TITLE: Use of High-speed Dustcatchers for Cleaning Gas from Lead-smelting Shaft Furnaces. (*Primeneniye skorostnykh pyleuloviteley dlya ochistki gazov shakhtnykh pechey svintsovoy plavki*)

PERIODICAL: *Tsvetnyye Metally*, 1957, No.6, pp.37-42 (USSR)

ABSTRACT: In recent years gas cleaning facilities at the Chimkent Lead Works (Chimkentskiy Svintsoiy Zavod) became insufficient and a series of high-speed wet cleaning installations were therefore developed and installed in 1952-1956. In this, the works staff were assisted by the Gintsvetmet and Giprotzvetmet organisations. The largest installation has a capacity of 150 000 m³/h; it is described in the present article, some performance data being given. The installation deals with dust having a specific surface of about 16 200 cm²/g, the mean equivalent diameter of the particles being about 0.64 μ. The dust content of the gas is reduced from 4.9 to 0.163 g/cm³ (a graph of dust content against pressure drop in the venturi sprays is given) and its temperature from 152 to 52 °C, the electricity consumption being about 5.2 kWh/1 000 m³. The water consumptions in the scrubber and in the venturi sprays are about 100 m³/h and 0.5 litres/m³, respectively, the

GORDON, Grigoriy Mikhaylovich; PHYSAKHOV, Isaak Leybovich; TSKYDLER,
A.A., prof., doktor, rotsenzent; AVROV, V.G., inzh., rotsenzent;
TSETLIN, V.N., red.; APKEANGEL'SKAYA, M.S., red. izd-va;
VAYNSHTEYN, Ye.B., tekhn.red.

[Dust collection and gas purification] Pyleulavlivanie i
ochistka gasov. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po
chernoi i tsvetnoi metallurgii, 1958. 291 p. (MIRA 12:1)
(Gas purification) (Dust--Removal)

3/817/62/005/000/002/012
A006/A101

AUTHORS: Polyvyanny, I. R., Avrov, V. G.

TITLE: Investigating kinetics of thermochemical dissociation of sodium sulfate in the presence of vanadium pentoxide

SOURCE: Akademiya nauk Kazakhskoy SSR. Institut metallurgii i obogashcheniya. Trudy. v. 5, 1962, Tsvetnaya metallurgiya. 41 - 48

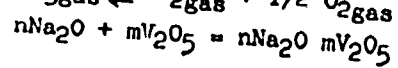
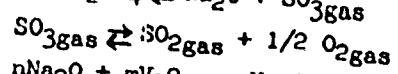
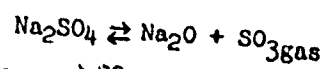
TEXT: The investigation was made for the purpose of revealing the basic kinetic regularities in the thermochemical dissociation, depending on temperature, sintering duration and the amount of vanadium pentoxide. The sodium sulfate and vanadium pentoxide mixture was placed in a preheated tubular electric furnace to determine the SO_3 amount which, after Na_2SO_4 dissociation, is supplied to an absorption column. Qualitative experiments were performed to estimate the dissociation rate; the batch was placed into a con. furnace which was then heated to the required temperature (20 to 1,250°C). The experiments show that the beginning of the thermochemical dissociation of Na_2SO_4 in the presence of V_2O_5 depends upon the amount of V_2O_5 . Pure sodium sulfate begins to dissociate.

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Investigating kinetics of...

following summary reactions:

S/B17/62/005/000/002/012
A006/A101



There are 4 figures and 1 table.

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COMMON ELEMENTS		PROCESSES AND PROPERTIES INDEX	
Metallurgical Literature Classification ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION 1900 1910 1920 1930 1940 1950 1960 1970 1980 1990		Processes and Properties Index The petroleum bearing and natural gas bearing deposits of the Saratov Trans-Volga region. V. Ye. Aronov. <i>Zhurnal Khim. Fiz.</i> 1939, No. 6, 11-13; <i>Khim. Refr.</i> 1939, No. 10, 26-7. — The bituminosity of the individual deposits and the presence of gaseous mineral springs point to the possibility of the presence of comm. of petroleum in the Saratov Trans-Volga region. A. describes the general geol. structure of the region and discusses the possible presence of petroleum. The presence of He in the Saratov Trans-Volga region is expressed in an increased content of He in the gases of the Mel'nikov gas deposits and in the gases of mineral springs. W. R. Henn	

AVRCV, V. YA.

FA 65T81

USSR/Petroleum Industry
Geological Prospecting

May 1948

"The Formation of Petroleum Deposits and Salt-Dome
Structures of the Southern Emba," V. Ya. Avrov, 6 pp

"Neft Khoz" Vol XXVI, No 5

Geological structure of this area is fundamentally
shown by boring and by geophysical methods of explora-
tion conducted mainly in sections having salt-dome
structures, in connection with their oil-bearing
properties.

LC

65T81

AVROV, V. YA.

Subject : USSR/Mining AID P - 548
Card 1/1 Pub. 78 - 14/29
Author : Avrov, V. Ya.
Title : Conditions for formation of oil deposits in the
Southern region of the Emba river
Periodical : Neft. Khoz., v. 32, #7, 53-54, J1 1954
Abstract : The author's reply to Ayzenshtadt's comments (Neft.
Khoz., #4, 1953) in reference to the author's discus-
sion of the basic situation for formation of the struc-
tures of the salt domes at pre-Caspian depression with
oil deposits. (The author's articles are published in
Neft. Khoz., #5, 1948; #3, 1951 and in the Doklady of
Academy of Sciences, v. 73, #3, 1950).
Institution : None
Submitted : No date

ATROV, V.Ya..

Dynamics of the formation process of the Caspian saline dome,
Geol.sbor. no.3:159-214 '55. (MLRA 8:6)
(Caspian Depression--Geology, Structural)

AVROV, V.Ya.

Geological structure and oil-bearing prospects of the eastern
slope of the southern Timan, and efficient general prospecting.
Avtoref. nauch. trud. VNIGRI no.17:241-248 '56. (MIRA 11:6)
(Timan Ridge--Petroleum geology)

АВРОВ, В. Я.

3(5) PHASE I BOOK EXPLOITATION NOV/2302
Akademiya nauk Ukrainakoy NEN, Institut geologii polnyayn izkopyayn-
ayn

Problema migratsii nefi i formirovaniya neftyanykh i gazovykh skopleniy; materialy L'vovskoy diskussii 8-12 maya 1957 g. (Problem of Oil Migration and the Formation of Oil and Gas Accumulations: Materials of the Discussion Held in L'vov, May 8-12, 1957) Moscow, Gosoptekhnizdat, 1959. 422 p. 1,100 copies printed.

Eds.: V. B. Porfir'yev, Academician of the Ukrainian SSR Academy of Sciences, and I. O. Brod, Professor, Sec. Ed.: P. R. Yershov; Tech. Ed.: A. S. Polozina; Editorial Board: I. O. Brod, Professor, R. M. Ladyzhenskii, and V. B. Porfir'yev, Academician of the Ukrainian Academy of Sciences.

PURPOSE: This collection of articles is intended for a wide range of geologists and research workers interested in oil problems.

COVERAGE: Articles contained in this book deal with the problems of migration and accumulation of oil and gas. These problems were discussed in May 1957 at L'vov where the Institute of Geology and Mineral Resources, Academy of Sciences of the USSR, the Institute of Geology and Oil Exploration of the L'vov Polytechnic Institute, and the L'vov Geological Society. Theories on the origin of petroleum deposits and the conditions surrounding their occurrence are treated. There are 347 references: 232 Soviet, 86 English, 5 French, and 4 German.

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of Oil and Gas Deposits 136
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the Oil- and Gas-bearing Possibilities in the West-Caucasus and
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Card 5/10

AYROV, V.Ya.; KACHKIN, S.S.

Lithological characteristics of the producing formation in certain fields of the southern Timan and their effect on the structure of oil and gas pools. Trudy VNIIGI no.133:61-68 '59. (MIRA 13:1)

(Timan Ridge--Petroleum geology)
(Timan Ridge--Gas, Natural--Geology)

AVROV, V.Ya.

Oil and gas potentials of the Timan--Pay-Khoy area. Trudy
VNIGRI no.113:410-418 '59. (MIRA 23:1)

(Timan Ridge region--Petroleum geology)

(Timan Ridge region--Gas, Natural--Geology)

(Pay-Khoy region--Petroleum geology)

(Pay-Khoy region--Gas, Natural--Geology)

AVROV, V.Ya.

Some remarks on the formation and preservation of oil and gas fields.
Geol. i geofiz. 10:13-18 '66. (MIA 14'2)

1. Vsesoyuznyy neftyanoy naučno-issledovatel'skiy geolgorazvedochnyy
institut (VNIIGI), Leningrad.
(Petroleum geology) (Gas, Natural--Geology)

AVROV, V.Ya.; BLINNIKOV, I.A.; BROD, I.O.[deceased]; BUYALOV, N.I.;
VASIL'YEV, V.G.; DEITRIYEV, Ye.Ya.; YELIN, N.D.; YEROFFYEV,
N.S.; ZUBOV, I.P.; KALININ, N.A.; KUDRYASHOVA, N.M.; MAKSIMOV,
S.P.; L'VOV, M.S.; MIRCHINK, M.F.; OVCHINNIKOVA, T.G.;
SIMAKOV, S.N.; TRUFIMUK, A.A.; TKHOSTOV, B.A.; FEDOTOVA, M.I.,
ved. red.

[Predicting gas potential of the U.S.S.R.] Prognoz gazonosno-
sti SSSR. Leningrad, Gostoptekhizdat, 1963. 175 p.
(MIRA 17:4)

AVROV, V.Ya.; BLINNIKOV, I.A.; BUYALOV, N.I.; VASIL'YEV, V.G.; ZUBOV, I.P.;
DIKENSHTEYN, G.Kh.; KALININ, N.A.; MAKSIMOV, S.P.; SIMAKOV, S.H.

Reconnaissance map of oil and gas reserves of the U.S.S.R. Geol.
nefti i gaza 7 no.6:1-8 Je '63. (MIRA 16:9)

1. Gosudarstvennyy geologicheskii komitet SSSR; Vsesoyuznyy na-
uchno-issledovatel'skiy geologorazvedochnyy neftyanoy institut,
Moskva; Vsesoyuznyy nauchno-issledovatel'skiy institut prirod-
nykh gazov i Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy ge-
ologorazvedochnyy institut.

LOBANOVA, V.I.; VEROVA, N.P.

Natural metabolic acid, a new mineral metabarite. Zap. Vses. min.
ob-va 93 no.3:329-334, 1964. (MIRA 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii,
Leningrad i Kazakhskiy institut mineral'nogo syr'ya, Alma-Ata.

AVRUKH, A.Ya., inzhener.

Analysis of the fulfillment of the production cost plan of electric
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has a most favourable site on diabase rock, will control 80% of the annual flow
and will have to cope with only small fluctuations between maximum and minimum
flow. In view of these and other advantages the Bratsk station generation
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